| Index of Claims | Application No. | Applicant(s) |
|-----------------|-----------------|----------------|
| | 10/618,192 | CROWLEY ET AL. |
| | Examiner | Art Unit |
| | Steven Loke | 2811 |

| | | = | Д | Allowed | | | | | ÷ | ÷ Restricted | | | | | | | | I Interference | | | | | | O Objected | | | | | | | | | |
|----------|-------------|-----------------|---|----------|----------|----------|----------|---|----------|--------------|------------|-------|----------|----------|----------|----------|-----------------|----------------|-----------|-----------|----------|-------|--------------|------------|--------------|-----------------|----------|----------|----------|----------|---------------------|-----------|----------|
| Cla | im | Date | | | | | | | :[| Claim | | | С | | | ate |) | | | | С | laim | Date | | | | | | | _ | | | |
| Final | Original | 4/2/04 | | | | | | | | | | Final | Original | | | | | | | | | | Final | Original | | | | | | | | | |
| | 1 | Ì | | | | | | | | | | | 51 | | | | | | | \exists | |] | | 101 | | | | | | | \rightrightarrows | \exists | |
| | - | \vdash | | \dashv | \dashv | - | - | _ | | - | - | | 52 53 | _ | | \dashv | _ | | | \dashv | \dashv | - | | 102 | ⊢ | | - | - | - | | \dashv | \dashv | \dashv |
| | B # | Н | | - | - | | \dashv | _ | \vdash | \dashv | ŀ | | 54 | - | Н | - | - | - | | 一 | | ┨ | | 103 | \vdash | \dashv | - | - | _ | \dashv | + | ╣ | \dashv |
| - | <u>F</u> | \vdash | | | _ | \dashv | \dashv | | | - | : | | 55 | \vdash | | | _ | | \dashv | 一 | \dashv | 1 | | 105 | \vdash | | 7 | 寸 | \neg | | \neg | ┪ | |
| | ō | | | \neg | | | | | | 7 | 1 | | 56 | | | | | | | 一 | |] | | 106 | | | | | | | | | |
| | 7 | | | | | | | | | | | | 57 | | | | | | | | |]:::: | | 107 | | | | \Box | | | | | |
| | <u>_</u> B_ | Ш | | | _ | | _ | | | | | | 58 | _ | L | | | _ | \perp | _ | \bot | 4 | <u></u> | 108 | <u> </u> | \dashv | _ | _ | _ | _ | \dashv | _ | |
| | Р | Щ | | | _ | | _ | | | _ | : - | | 59 | <u> </u> | | | _ | - | \dashv | | \dashv | - | | 109 | \vdash | - | | _ | _ | - | 4 | 4 | |
| | 10 | $\vdash \vdash$ | | \vdash | \dashv | | _ | _ | \vdash | | : - | | 60 61 | \vdash | \vdash | | | \dashv | - | | - | - | | 110 111 | \vdash | \vdash | { | \dashv | - | \dashv | \dashv | \dashv | _ |
| - | 12 | $\vdash\vdash$ | _ | \dashv | \dashv | \dashv | - | _ | \vdash | | · | | 62 | \vdash | \vdash | | | \dashv | ᅱ | - | + | - | - | 112 | \vdash | $\vdash \vdash$ | - | \dashv | \dashv | \dashv | \dashv | \dashv | \dashv |
| | 13 | H | | - | - | \dashv | - | _ | | :: | ŀ | - | 63 | \vdash | \vdash | | - | ᅱ | 一 | | \dashv | 1 | \vdash | 113 | | | - | | | _ | 1 | \dashv | |
| | 14 | П | | | | | | _ | | | ŀ | | 64 | _ | | | \neg | | | 1 | \top | | | 114 | | П | \neg | \neg | ヿ | | T | | |
| | 15 | | | | \neg | | \neg | | | | | | 65 | | | | | | | | | | | 115 | | | | | | | | | _ |
| | 16 | | | | | | | | | | | | 66 | | | | | | | | |] | | 116 | | | | | | | \Box | | |
| | 17 | | | | | | | _ | | _ | | | 67 | <u> </u> | | _ | | | | | \perp | _ | | 117 | | Ш | | | | | \dashv | _ | |
| | 18 | \square | | | _ | | _ | _ | - | _ | 1 | | 68 | | | | | | | _ | _ | - | | 118 | ļ., | \vdash | | | | \dashv | \dashv | \dashv | \dashv |
| | 19 | - | | | | \dashv | \dashv | | \Box | | - | | 69 | <u> </u> | _ | - | - | | | | - | - | | 119 | <u> </u> | \vdash | - | \dashv | \dashv | \dashv | \dashv | \dashv | \dashv |
| | 20 | \vdash | | \vdash | \dashv | \dashv | \dashv | | Н | | :} | | 70 71 | | | | | _ | ᅱ | | | - | - | 120 121 | - | \vdash | \dashv | \dashv | \dashv | \dashv | \dashv | | \dashv |
| | 21 22 | Н | | | \dashv | \dashv | \dashv | | | | :} | | 72 | | \vdash | \dashv | | \dashv | | | + | - | \vdash | 122 | - | - | - | - | \dashv | \dashv | -+ | \dashv | \dashv |
| | 23 | \vdash | - | | \dashv | \dashv | \dashv | | \vdash | - | ⊹ | | 73 | | - | - | \dashv | - | | -1 | + | 1 | | 123 | | H | _ | - | \dashv | \neg | _ | 一 | \dashv |
| | 24 | | | | | | \dashv | | П | | ŀ | | 74 | | - | \neg | \neg | | | | | 1 | | 124 | | H | | | | | \dashv | | |
| | 25 | П | | П | \neg | | ヿ | | | | | | 75 | | | | | | | | |]:::: | | 125 | | | ĺ | ĺ | | | \Box | | |
| | 25 | | | | | | | | | | | | 76 | | | | | | | | |] | | 126 | | | | | | | | | |
| | 27 | | | | | | | | | | | | 77 | _ | <u> </u> | | \dashv | | _ | _ | | _ | | 127 | lacksquare | Ш | | | | | \dashv | _ | |
| | 28 29 | Ш | | | | | _ | | | _ :: | | | 78 | <u> </u> | _ | | \dashv | _ | _ | _ | + | 4 | <u> </u> | 128 | <u> </u> | | | _ | _ | | \dashv | _ | |
| - | 29 | | | | _ | | | | - | | : - | | 79 | <u> </u> | | - | - | _ | | | | - | <u> </u> | 129 | ├ | \vdash | | - | \dashv | \dashv | \dashv | - | \dashv |
| - | 30 31 | | , | | | -1 | - | | - | | : }- | | 80 81 | \vdash | \vdash | - | \dashv | \dashv | | \dashv | + | - | - | 130 131 | - | \vdash | | - | | \dashv | | _ | - |
| | 32 | | | Н | 一 | \dashv | - | _ | - | | ÷ | | 82 | - | - | - | - | - | - | 一 | + | - | _ | 132 | \vdash | H | ╛ | \dashv | | \dashv | $\neg \uparrow$ | | \neg |
| \Box | 33 | | _ | Н | | \neg | _ | | | | :: - | | 83 | ┢ | | | | | \neg | | | 1 | \vdash | 133 | | | \neg | | ╗ | | | | |
| | 34 | | | | - | | 1 | | | | 1 | | 84 | | | | T | | \neg | \neg | | 7 | | 134 | | | | | | | | | |
| | 35 | | | | | | | | | | | | 85 | | | | | | | | |] | | 135 | | | | | | | | | |
| | 36 | V | _ | | | | | | | | | | 86 | | | | | | \exists | | | | <u> </u> | 136 | ļ | | | | | _ | \Box | | Ш |
| | 37 | V, | | | _ | _ | _ | | | _ | 1 | | 87 | <u>_</u> | | _ | _ | _ | _ | _ | | 4 | | 137 | ┞ | | _ | | _ | _ | \vdash | _ | \dashv |
| | 38 39 | M | _ | Ш | | _ | | | | _ | | | 88 | <u> </u> | L | \dashv | \dashv | | | | \dashv | - | <u> </u> | 138 | ├ | \vdash | | - | _ | _ | \dashv | _ | \dashv |
| | 39 40 | M | - | \vdash | - | | - | | Щ | | :: - | | 89 90 | ⊢ | - | \dashv | \vdash | - | \dashv | | + | - | | 139 140 | ├— | ├╌┤ | \dashv | _ | - | - | \dashv | | \dashv |
| - | 41 | | - | \vdash | - | \dashv | \dashv | _ | \vdash | | ╬ | | 91 | - | - | \vdash | | - | | \dashv | + | - | | 141 | \vdash | \vdash | \dashv | - | - | - | \dashv | | \dashv |
| | 42 | | _ | \vdash | - | \vdash | - | _ | \vdash | - | ╬ | | 92 | \vdash | | \vdash | | | - | \dashv | - | 1 | \vdash | 142 | t | \vdash | \dashv | | \dashv | - | \dashv | - | Н |
| | 43 | | _ | \vdash | | \vdash | \dashv | _ | Н | | ŀ | | 93 | Т | | | \Box | | 一 | \dashv | | 1 | | 143 | | | \dashv | | | _ | \Box | | П |
| | 44 | | | | | | | | | | : | | 94 | | | | | | | _ | | | | 144 | | | | | | | | | |
| | 46 | | | | | | | | | | | | 95 | | | | | | | | | | | 145 | | | | | | | \square | | |
| | 46 | | | | | | \Box | | | | :[| | 96 | | | | | | | \Box | | _ | | 146 | <u> </u> | | _ | | | | Ш | | Ш |
| | 47 | | _ | Щ | | \sqcup | | | Щ | _ | ١, | | 97 | <u> </u> | <u>_</u> | | \sqcup | _ | _ | _ | Щ. | 4 | | 147 | ـ | \sqcup | _ | _ | _ | _ | \dashv | | Ш |
| \vdash | 48 | W | _ | Ш | _ | | _ | | \vdash | _ | 1 | | 98 | - | <u> </u> | <u> </u> | $\vdash \vdash$ | _ | | _ | - | - ::: | <u> </u> | 148 | | $\vdash \vdash$ | | _ | _ | | \dashv | _ | Н |
| \vdash | 49 | Z | | Ш | | | _ | | Ш | _ | ١, | | 99 | <u> </u> | <u> </u> | | \square | | | | _ | 4:::: | | 149 | - | \sqcup | _ | _ | | | | | |

100

150